

BICYCLE CARRIER

Cross Reference to Related Application

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This application is a continuation of U.S. Patent Application Serial
now U.S. Pat. No 6,601,712
No. 10/196,330 filed July 15, 2002, which application is a divisional application of U.S.
now U.S. Pat. No 6,460,708
5 Patent Application Serial No. 09/910,649 filed July 20, 2001, titled "Bicycle Carrier"
which application is a divisional application of U.S. Patent Application Serial
No. 09/447,908 filed November 23, 1999, now U.S. Patent No 6,283,310
titled "Bicycle Carrier" and are hereby
incorporated by reference.

Field of the Invention

10 The present invention relates to bicycle carriers and more particularly to a fork
block and wheel tray used to secure a bicycle on a roof rack.

Background of the Invention

With the growing popularity of bicycling as a recreational activity, vehicles are
often equipped with racks to transport bicycles. Such racks come in many different styles
15 and configurations. One common configuration is a roof rack in which one or more
bicycles are mounted to a pair of crossbars that extend across the top of the vehicle.

Various systems have been developed to secure and stabilize bicycles on vehicle-
mounted cross arms. One such system utilizes a fork block mounted to one of the bars
with a skewer extending therethrough to receive and grip the front forks of a bicycle.
20 Typically, a wheel tray extends from the fork block to the other crossbar to receive the
rear tire of the bicycle. In a slight variation, a short wheel tray is attached to only one
crossbar to receive the rear wheel. One limitation of this variation is that the rear wheel